

CSC / ECE 573 Internet Protocols, Fall 2005

Project Part III

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Due Date

- Tuesday, Nov. 15, at 11:45pm

Instructions

- Put your name (both names if joint with another person), "Project, Part III", and date at the top of the first page.
- Do not plagiarize; that means, do not copy content from any source without permission from the instructor, and if permitted, acknowledge the source.
- Submit this part to both persons' lockers if doing jointly. They will be identical in this case, and have the name of both persons at the top of page 1.

Description

DO NOT COPY CODE FROM SOMEONE ELSE'S IMPLEMENTATION OF THE PROTOCOL!

Continue the work you began in Part II of the project. You have already submitted your workplan, divided into 3 stages. In this part, you should accomplish stage 2 programming and testing.

For submission, simply extend and bring up to date your documentation. The parts that will not change are grayed-out and reduced in size.

1. Title of project, names of partners, date, "Project Part II"
2. Protocol chosen to implement
3. Platform and programming language used
4. List of functions, as above, with test steps.
5. Indicate which steps you completed in stage 2 (this part of the project).
6. Also indicate what protocol functions will *not* be implemented, or implemented only if a miracle happens and there is more time than you expect :-)
7. --Write the description of the extension you picked, in Internet Draft style, and indicate where and in what RFC you would put this extension (if RFCs were allowed to be updated, which they aren't - once standardized, they are "archival" documents).
8. --Instructions for installing, compiling and executing (or interpreting) your code. What OS, what release of compiler / JRE, and/or libraries are needed, and any makefiles, switches etc. that need to be created or set.
9. --Instructions for running your software, including documentation of parameters if there are any.
10. Results of testing each function (can be summarized if output is voluminous). Performance is worth measuring as well as correctness / completeness, particularly for TCP transfers.
11. References you used (RFC's, books, websites, etc.)
12. Listing of source code. There should be enough comments to follow the code with modest effort.

Submit this document, current through the parts you have implemented and tested, for fulfillment of Part III of the project. It is possible to fulfill this part of the project in 5-6 single-spaced pages, not counting source code.

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Created on October 7 , 2005

Last Modified November 2, 2005

Maintained by [Douglas S. Reeves](#)